

IN THE CLAIMS

1-34 (canceled)

35. (new) An endoscopic instrument having a flexible and elongate main body that houses a vision device for taking images of an organ internal area, comprising a first working arm for the use of tools and a second working arm for the use of tools apt to be operated independently with respect to said first working arm, characterized in that said first and second working arm are transversally movable with respect to said main body, moving away and/or nearing the one with respect to the other.

36. (new) The instrument according to claim 35, wherein said main body comprises an annular metal skeleton coated with a rubber material sheath.

37. (new) The instrument according to claim 35, further comprising first handling means of said main body.

38. (new) The instrument according to claim 37, wherein said first handling means comprises one or more tie rods mechanically operated by a user.

39. (new) The instrument according to claim 37, wherein said first handling means comprises first motion actuating and controlling devices of electronic and/or electromechanical type.

40. (new) The instrument according to claim 35, wherein each of said first and second working arm are flexible.

41. (new) The instrument according to claim 35, wherein each of said first and second working arm comprises a respective annular metal skeleton coated with a rubber material sheath.
42. (new) The instrument according to claim 35, wherein each of said first and second working arm is apt to slide longitudinally with respect to said main body, independently the one from the other.
43. (new) The instrument according to claim 35, further comprising second handling means of said first and second working arm.
44. (new) The instrument according to claim 43, wherein said second handling means comprises one or more tie rods mechanically operated by a user.
45. (new) The instrument according to claim 43, wherein said second handling means comprises second motion actuating and controlling devices of electronic and/or electromechanical type.
46. (new) The instrument according to claim 35, wherein said main body comprises a central body, said vision device being connected at the end thereof.
47. (new) The instrument according to claim 46, wherein said first and second working arm are located on two opposite sides of said central body.

48. (new) The instrument according to claim 46, wherein said first and second working arm are connected to said central body by one or more annular mechanisms, each of said mechanisms being apt to rotate about said central body.
49. (new) The instrument according to claim 48, wherein each of said annular mechanisms is made with an elastically connected mesh structure.
50. (new) The instrument according to claim 35, wherein said vision device comprises a camera.
51. (new) The instrument according to claim 50, wherein said camera is of digital type.
52. (new) The instrument according to claim 35, wherein said vision device comprises one or more lenses.
53. (new) The instrument according to claim 52, wherein each of said lenses is apt to be handled so as to vary its tilt with respect to the vision device.
54. (new) The instrument according to claim 53, comprising two tiltable lenses.
55. (new) The instrument according to claim 54, comprising means for adjusting the position of said lenses.

56. (new) The instrument according to claim 55, wherein said adjusting means are of mechanic type, comprising a tie rod system operable by a user.
57. (new) The instrument according to claim 55, wherein said adjusting means are of electromechanical and/or electronic type.
58. (new) The instrument according to claim 35, further comprising means for processing and visualizing the images taken.
59. (new) The instrument according to claim 58, wherein said processing and visualizing means are apt to provide stereoscopic images of the area taken.
60. (new) The instrument according to claim 35, further comprising means for monitoring its position with respect to said organ.
61. (new) The instrument according to claim 60, wherein said monitoring means comprises one or more signal transmitters positioned on said main body and one or more external receivers of said signals, said received signals being representative of the position of the instrument.
62. (new) The instrument according to claim 61, wherein said transmitters comprise one or more magnetic field coils.

63. (new) The instrument according to claim 61, wherein said transmitters comprise one or more transponders.
64. (new) The instrument according to claim 35, further comprising means for controlling frictions between the instrument and said organ.
65. (new) The instrument according to claim 64, wherein said means for controlling frictions comprises one or more pressure and/or force sensors.
66. (new) The instrument according to claim 65, wherein one or more of said sensors is of piezoelectric type.
67. (new) The instrument according to claim 65, wherein one or more of said sensors is of membrane type.
68. (new) The instrument according to claim 64, further comprising means for graphically representing said position of the instrument with respect to the organ and said frictions.